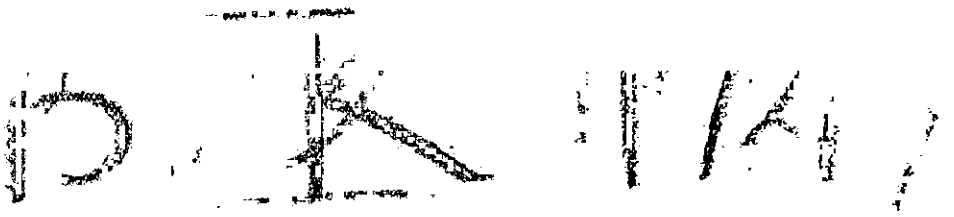
1954

File No. 6621/36/C.

B CLASS P.W.D. **DEPARTMENT**

BRANCH

Subject:— Supplementary specifications for the items of underwatering foundations



File No. 6621/36-C

Ftd. Sectt. Slip. 24 A

Supplementary specifications for the items of unwatering foundation for the works of constructing cross drainage works on roads,etc.

GOVERNMENT OF BOMBAY.
Public Works Department,
Circular Memorandum No. 6621-36.
Bombay Castle,15th May 1944.

. GOVERNMENT CIRCULAR MEMORANDUM.

The question of unwatering foundations for the works of constructing cross drainage works on roads, etc., has been repetedly referred to Government in connection with extra claims made by contractors for this item of work. The accompanying supplementary specifications, which have been compiled in the Secretariat for the particular item of Unwatering Foundations, are forwarded herewith to all the local officers, under this Department, and theyare informed these specirications should be adopted in future in all cases where this item is involved.

2. The general question of the revision of the Public Works Department, Handbook is at present under the consideration of Government and any improvements that may be considered necessary in the existing specifications for the separate item of Excavation of Foundations will be incorporated in the Hand Book in due course. In the meantime, the accompanying specifications should be treated as supplementary to the existing Specification No. 18 printed at pages 127-128 of the Public Works Department, Handbook,Volume I (1931 Edition.).

3. The accompanying Supplementary Specifications aim at avoiding any loop-hole enabling a contractor to advance any claims forthe item of unwatering foundations for any course cause whatsoever. The local officers are informed that the specific item of dewatering must invariably be included in the Schedule attached with the tenders and with firm figures of depths, etc., based on the latest available data at the time of he calling for tenders, against this items.

By order of the Governor of Bombay,

(J.R.PHILLIPS,)
Deputy Secretary to Government.

To

The Superintending Engineers of Circles,

The Superintending Engineer,Project Circle,

The Consulting Public Health Engineer to Government.

*The Executive Engineers of Divisions.

*The Executive Engineers, Road Projects Divisions,

*The Executive Engineer, Irrigation Projects Division.

*With spare copies for Sub-Divisional Officers.

LPWD-T23.

No. of 1944.

Id-
30-5-44.

Copy forwarded for information and guddance to.

Accompaniment to Government Circular Memorandum, Public Works Department, No. 6621/36,dated the 15th May 1944.

Supplementary Specifications for the item of unwatering foundations.

(1) Adequate arrangements shall be made by the contractor for unwatering the foundation trenches and excavations and keeping the same dry while the masonry or concrete work is in progress and till the Executive Engineer or his authorized agent considers that the mortar has sufficiently set.

(2) The rate of unwatering provided in the contract covers the cost of the complete bailing out of water required for all the items of works required to be carried out and up to the complete construction of the bridge or building or structure and also covering the time required for passing foundations and taking measurements of all works done.

(3) The rate for the item includes the cost of the construction and maintenance of any (a) shoring, (b) cofferdams, (c) bunds.(d) dams.(e) channels or other devices necessary for

fpr diverting the flow of water or any such items of any ~~such~~ sort whatsoever requisred to prevent water entering the foundation trenches and excavations.

(4) No extra rate shall be paid for removing any stuff of any ~~or sre~~ sort outside, which might find access, by blowing or any other reason whhatsoever from the sides, or bottom of the foundation trenches and excavations or from elsewhere when the unwatering operations are in progress.

(5) The contractor must assure himself, by making the necessary investigations, s regarding the depths to which the foundations are likely to go. No claim for extra payment for this item will be entertained on any account unless the depth of excavation exceeds that shown on the sanctioned plans. In case of any increase in the designed depth of foundations in actual excation, any ~~slam~~ claim for extra payment ~~shall~~will be subject to clause 14 of the contract.

(6) The contractor will make his own arrangements for the nefessary plant ~~such~~ as pumps, engines, other machinery and all other matters and materials required in this connection, but he may be supplied, on the usual terms and conditions with such machinery from Government stores as may be available, for which he will be charged at the rates laid down in the P.W.D. Manual or other relevant orders of Government operative from time to time.